SAFETY DATA SHEET
Windshield Washer Fluid
Revision Date: 05-25-2018

Section 1. Identification

Product Identifier

Product Name: Windshield Washer Fluid
Common Name: Methanol / Water Mixture
CAS Number: 67-56-1
Product Code(s): 8700 / 8701

Recommended or Restricted Uses

Recommended Use: Solvent
Restricted Use: Not Applicable

Canadian Supplier

Supplier: 49 North Lubricants
6611 45th Street,
Leduc, Alberta
T9E 7E3
Canada
Tel: (780) 986-9260
Fax: (780) 986-9650

Emergency Telephone Number

Emergency Telephone: CHEMTREC: 1-800-424-9300

Section 2. Hazard Identification

Hazard Classification

WHMIS Regulatory Status: Hazardous Product
Physical Hazards: Flammable Liquid
Health Hazards: Acute Toxicity
Environmental Hazards: Not Classified

Label Elements

Symbol

Signal Word: Danger

Hazard Statements

Flammable liquid
Material causing immediate and serious toxic effects
Causes serious eye irritation

Precautionary Statements

Do not handle until all safety precautions have been read and understood
Do not eat, drink or smoke when using this product
Wash skin thoroughly after handling
Wear personal protective equipment (PPE) as identified in Section 8.

Other Hazards: Not Applicable

Section 3. Composition / Information on Ingredients

Hazardous Product: Mixture

Chemical Name: Methanol
Common Name: Methyl Alcohol
CAS Registry #: 67-56-1
Concentration: 40 - 55%

Hazardous Product: Mixture

Chemical Name: Water
Common Name: Water
CAS Registry #: 7732-18-5
Concentration: 45 - 60%
Section 4. First Aid Measures

Route of Exposure

Inhalation: Move affected person to fresh air and keep warm and at rest. Loosen tight clothing such as collar, tie or belt. If breathing becomes difficult, properly trained personnel can assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing continues.

Skin Contact: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist seek medical attention. Wash contaminated clothing before re-use.

Eye Contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. If symptoms persist or there is visual difficulty seek medical attention.

Ingestion: Seek medical attention immediately. Do not give anything by mouth. Do not induce vomiting. If individual is drowsy or unconscious place on the left side with head down. Do not leave individual unattended.

Most Important Systems and Effects

Inhalation: May Cause: Coughing, Chest Tightness, Light Headedness
Skin Contact: May Cause: Temporary Skin Irritation
Eye Contact: May Cause: Irritation or Redness in Eyes, Loss of Vison
Ingestion: May Cause: Loss of consciousness, Abdominal pain, Blindness, Death

Immediate Medical Attention and Special Treatment

Note for the Doctor Treat Symptomatically

Section 5. Fire-Fighting Measures

Extinguishing Media

Suitable Extinguishing Media Extinguish with foam, carbon dioxide, dry chemical or water fog.
Unsuitable Extinguishing Media Not Applicable.

Specific Hazards Arising from the Hazardous Product

Specific hazards Not Applicable
Hazardous combustion products Toxic Vapours

Advice for Firefighters

Protective actions during firefighting Avoid breathing gases or vapours. Evacuate the area. Ventilate closed spaces before entering them.

Special protective equipment for firefighters Not Applicable.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions Keep unnecessary and unprotected personnel away from spillage. Wear protective clothing as described in Section 8. Follow safe handling as described in Section 7. Eliminate all ignition sources. Vapour is heavier than air.

Methods and Material for Containment and Cleaning Up

Methods for cleaning up Collect spillage with non-combustible, absorbent material. For small spillages: wipe up with an absorbent clot. Avoid discharge into drains or watercourses or onto the ground. For large spillages: Contain the spilled material, removed and dispose of contaminated material with a licensed waste disposal site.
Methods for containment
Prevent spreading over a wide area with containment or barriers. Do not let product enter drains. If environmental pollution occurs (sewers, waterways, soil or air) inform the relevant authorities.

Section 7. Handling and Storage

Precautions for Safe Handling

Usage precautions
Wear PPE as described in Section 8. Static ignition hazard can result from handling and use. Ground all containers and equipment before transfer or use of material as per National Fire Protection Association document NFPA 77. Special precautions may be necessary to dissipate static electricity for non-conductive containers.

Conditions for Safe Storage, Including any Incompatibilities

Storage Precautions
Keep storage area well ventilated. Store away from incompatible materials listed in Section 10. Store in accordance with local regulations. Containers of this material may be hazardous when emptied due to product residue. All hazard precautions must be observed with empty containers.

Section 8. Exposure Controls / Personal Protection

Control Parameters

Occupational Exposure Limits
200 ppm (260 mg/m³)

Appropriate Engineering Controls

Engineering controls
Provide exhaust ventilation or other engineering controls to keep concentration of vapour below the recommended exposure limits. An eye wash station and safety shower should be located near the work station.

Individual Protection Measures

General
All personal protective equipment (PPE) should comply with Canada OH&S Regulations (SOR/86-304)

Eye/Face protection
Recommended: Safety glasses equipped with side shields. Where splash hazards exist use a face shield as well. Have suitable eye wash water available.

Hand protection
Recommended: Heavy Nitrile or Neoprene gloves if frequent or prolonged exposure is expected.

Body protection
Recommended: Avoid prolonged / repeated skin contact. If splashing or spraying is expected chemical-resistant clothing should be worn.

Respiratory protection
Respiratory protection is not anticipated under normal use. If elevated airborne concentrations are anticipated, a NIOSH approved organic vapour respirator equipped with a dust prefilter should be used.

Section 9. Physical and Chemical Properties

Physical Properties

Physical State
Liquid

Colour
Blue

Odour
Not Applicable

Odour threshold
Not Applicable

Chemical Properties

pH
Not Available

Melting point / freezing point
Not Available

Flash point
Not Available

Evaporation rate
Not Available

Flammability (solid; gas)
Not Available

Lower Explosive Limit
Not Available

Upper Explosive Limit
Not Available

Vapour pressure
169.316 hPa @ 25°C

Vapour density
Not Available
Section 10. Stability and Reactivity

- Reactivity: Not Available
- Stability: Stable
- Possibility of hazardous reactions: No reactions under normal conditions and use
- Conditions to avoid: Not Applicable
- Incompatible Materials: Aluminum, lead, sodium, strong acids, strong oxidizing agents, zinc, peroxides
- Hazardous decomposition products: Not Available

Section 11. Toxicological Information

- Routes of Exposure: Ingestion, Inhalation, Skin/Eye Contact
- Symptoms:
  - Physical: Skin/Eye contact may cause irritation or redness with short term exposure
  - Ingestion may cause discomfort
- Chemical: No Available Data
- Toxicological: No Available Data
- Exposure Effects:
  - Delayed Effects: No Available Data
  - Chronic Effects: Prolonged / repeated exposure is toxic to lungs, digestive system, skin, and eyes
- Acute Toxicity Estimates (ATE):
  - ATE oral (mg/kg): No Available Data
  - ATE dermal (mg/kg): No Available Data
  - ATE inhalation (mg/L): No Available Data

Section 12. Ecological Information

No Available Data.

Section 13. Disposal Considerations

Follow local regulations for hazardous waste disposal.

Section 14. Transport Information

Not Available.

Section 15. Regulatory Information

Not Available.
Section 16. Other Information

SDS Revision Date: 05-25-2018
SDS Number(s) 8700 / 8701
Disclaimer: The information contained herein is accurate to the best of our knowledge.